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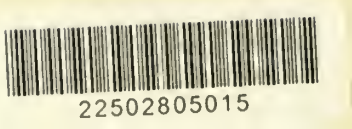
U. Lix.

19/
b



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H. R. Hall.
1899.

Hieroglyphics.

—"—

W. Woodland
72, Grove Lane
Camberwell
London. S.E. 1896

—"—

VERZEICHNISS

DER HIEROGLYPHEN MIT LAUTWERTH

IN DER GEWÖHNLICHEN UND IN DER GEHEIMEN SCHRIFT

SOWIE

DER ALLGEMEINEN DEUTZEICHEN

IN DEM SCHRIFTSYSTEM DER ALTEN ÄGYPTER

MIT HINWEIS AUF SEIN HIEROGLYPHISCHES WÖRTERBUCH ZUSAMMENGESTELLT

VON

HEINRICH BRUGSCH

LEIPZIG

J. C. HINRICHS'SCHE BUCHHANDLUNG

1872

86437

Uebersicht der Hieroglyphen mit phonetischem Werthe.

Die folgende Uebersicht gewährt ein möglichst vollständiges Verzeichniss der hieroglyphischen Charactere, welche alphabetischen oder syllabischen Werth haben, mit Einschluss der Polyphonen. Wir haben Sorge getragen, die phonetischen Werthe beizufügen, welche die geheime oder änigmatische Schrift diesen Zeichen beilegt. Die fragliche Schrift, deren Spuren wir bis ins Zeitalter der Ramessiden zurückverfolgen können und welche sich unter den Ptolemäern zum System entwickelt, beruht auf dem akrophonischen Principe, welches einem beliebigen Zeichen den Laut des Anfangsbuchstabens seines syllabischen Werthes oder des Wortes oder mehrerer Wörter, welche ihm in der gesprochenen Sprache entsprechen, beilegt. So wird z. B. das Silbenzeichen ŏ *nu* in dieser Schrift zu dem einfachen Consonanten *n* und das Bild des Widder bezeichnet bald den Consonanten *b*, bald den Consonanten *s*, weil der Widder in der ägyptischen Sprache bald durch das Wort *ba*, bald durch das Wort *ser* bezeichnet wird. Es kann dies Schriftsystem mithin nicht unpassend das der Akrophonie heissen.

Da der Laut der Sprache im Laufe der Jahrhunderte manchen Wechseln und Veränderungen sowohl consonantischer als vokalischer Natur unterlegen ist, so ist es gekommen, dass die An- und Auslaute der Silbenzeichen in verschiedenen Epochen öfter verschieden sind und dass die jüngere Aussprache der antiken nicht mehr entspricht. So wurden z. B. , , ursprünglich *ar*, *ap*, *āb*, später aber *iri*, *up*, *ub*, gleichwie im Koptischen ⲓⲣⲓ, ⲱⲡ und ⲟⲩⲏⲃ gesprochen.

Solche Veränderungen betreffen hauptsächlich die folgenden Buchstaben:

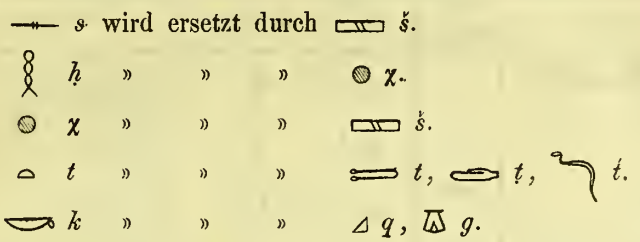
à wird ersetzt durch *a*, *ā*, *ū*, *u*, *ī*.

 ā » » » *à*, *ū*, *u*.

b » » » *p*, *m*, *ū*

f » » » *ū*, *u*.

 n » » » *r*, *l*.



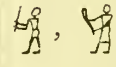
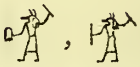
Andere Veränderungen entstehen durch die Liquidierung und Abwerfung des Consonanten *r*, besonders des auslautenden; z. B. *ȧner* und *ȧn*, *bener* und *ben*, = *χeper* und *χep*, = *kers* und *kes*, und dergleichen mehr. Auch die Metathesis findet sich häufig, z. B. = *ḥā* und *āḥ*, = *tȧ* und *ȧt*, = *ān* und *nā*, = *teḥ* und *ḥet*, = *seš* und *šes*, u. s. w.

In der folgenden Uebersicht bezeichnet

A, dass der phonetische Werth, dem der Buchstabe beigefügt ist, den Texten des alten Reiches angehört;

B, dass der phonetische Werth nur der Schrift der späten Epoche, der Akrophonie, eigen ist;

* dass der Character mit diesem phonetischen Werthe sich in unserm Wörterbuche, dessen Seitenzahl wir den übrigen Zeichen beigefügt haben, nicht befindet.

No.	Zeichen	Werth	Wb. Pag.
	I. Figuren von Männern.		
1		*ȧn*	81
2		*ḥą*	886
3		*ān*	191
		ā B.	
4		*ur*	332
5		*ser*	1261
		s B.	
		ā B.	
6		*ȧtī*	149
7		*sa*	1150
		s	
8	B.	*fu*	534
		ḳet	
		f B.	
9		*nini*	743
10		*ȧau*	32
		ten	1550
11		*set*	1336
12		*ṯu* B.	1609
		ṯ B.	
13		*āχ*	213
14		*kers*, *kes*	1475
15		*ḥeter*	1010
16		*χeχet**	
17		*ka*	1435
		k B.	
		ḥāā	935
		ḥ B.	
18		*n* B.	
19	 B.	*neχt*	802
20		*ṭūą*	1621
21		*ȧb*	35
22		*ḳoṭ*	1477
23		*χus*	1063
24		*ba*	
25		*seher*	983
26		*āb**	
27		*tuṭ*	1532
28		*kers*	1470
29		*ȧ*	gr. 10.
30		*ȧ*	gr. 92.
31		*ȧm*	78
32		*ȧr*	94
33		*sa*	1158
		s	
34		cf. No. 7	
35		cf. No. 8	
36		*ḥeḥ*	989
		ḥ B.	
37		*ḥeḥ*	989
		ḥ B.	
		nefer	757
38		*šep*	1381
39		*ȧmen*	cf., 71
40		*ṯḥuti**	
		ȧ B.	
41		*usȧr**	
		s B.	

N°.	Zeichen	Werth		Wb. Pag.
42		*un*	*B.*	253
43		*šu*		1151
		s	*B.*	
44		*ten*		1549
45		*ȧmen*		71
46		*set*		1354
47		*āb*		171
		*ub**		
48		*χer*		1116
49		*sen*		1243
50		*meḥ*		689
51		*neb*		745
52		*neb*		747
53		*nem*		1101
54		*s*		1151
		nen	*B.*	
		n	*B.*	
		χen	*B.*	
		χ	*B.*	800
		šerȧ	*B.*	1404
		ā	*B.*	

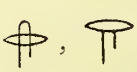
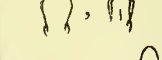
II. Figuren von Frauen.

55		*ḳeb*		1509
56		*bok*		428
57		*bok**		
58		*beχ*		cf. 412
		mes		696
		pāpā		413
59		*net**		
		n	*B.*	

N°.	Zeichen	Werth		Wb. Pag.
60		*šeta**	*B.*	
61		*maā*		
		m	*B.*	
62		*ṯūa*	*B.*	1621

III. Glieder des menschlichen Körpers.

63		*ṯep*		1535
		āp		1539
		*ḥer**		
64		*ḥer*		977
65		*ȧnem*		90
		ḫā		931
		*her**		
66		*uṯa*		312
		bok		427
67		*ȧb**		
68		*ȧt*		136
		tȧ		1527
69		*ȧn*		85
		nā		739
		ān		193
70		*ma**		
71		*ȧn*		193
		ān		193
72		*ȧr*		97
		īri	*B.*	
		ī	*B.*	
		men	*B.*	
		mer		675

No.	Zeichen	Werth	Wb. Pag.
73		*ȧr*	100
74		*ȧr*	100
75		*mer*	675
76		*ṯebḥ*	1633
77		*ṯebḥ*	1633
78		*ȧm*	63
		ṣem	1235
79		*r*	838
80		*neb*	748
81		*beḥ* *A.*	1632
		ḥu	938
		ḥ *B.*	
82		*sepet*	1205
83		*ār*	211
84		*χ ḳbes*	1031
85		*sa** *B.*	
86		*ka*	1433
		k *B.*	
87		*χen**	
88		*nen*	776
		n *B.*	
89		*ā*	
		ṭoṭ	1665
90		*sop**	
		meḥ	692
91		*niṉi*	743
92		*mo*	596
93		*mo*	596
		m	596

No.	Zeichen	Werth	Wb. Pag.
		ḥonk	970
94		*mok*	617
95		*neχt*	802
		*n** *B.*	
96		*ṯu*	1609
		*ṯ** *B.*	
97		*ṯeser*	1682
		ṭeser	1682
98		*χu*	1061
99		*ḥi*	914
100		*ser*	1259
101		*uṭen*	307
102		*χen*	1104
103		*ȧm*	64
104		*seṭ* *B.*	
105		*ṭ*	1604
106		*kep*	1491
107		*šep*	1376
108		*šep*	1376
109		*šep*	1376
110		*ḥen*	965
111		*īā*	231
112		*tep* *A.*	
		*ṭeb**	
		ṭebā	1678
113		*maā**	574
114		*ṭa**	1703
115		*ān*	cf. 201
116		*ka*	1435
		beḥ	410

No.	Zeichen	Werth	Wb. Pag.
		met	720
		mo	721
		ta	cf. 1704
		t B.	
		*per**	
117		*men*	636
118		*ḥen*	1726
119		*sem*	1222
120		*tu**	
		t B.	
121		*ȧī*	233
122		*seb*	1185
123		*sem*	1222
124		*śem*	1386
125		*nen*	773
		n B.	
		ȧn	82
126		*śes*	1407
127		*tet*	1537
		t B.	
128		*peṭ*	518
		roṭ	877
		uār	244
		men	639
129		*toh*	1562
130		*b*	
131		*ḳer*	1515
132		*āā*	542
		ȧā	542
		fuā	542

No.	Zeichen	Werth	Wb. Pag.
		ȧs	121
133		*sem*	1217
134		*śāṭ*	1364
135		*seper*	1202
136		*ȧuf*	59
		f	
137		*ḥā*	934

IV. Vierfüssler.

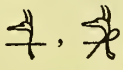
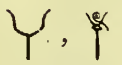
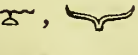
138		*l*	883
		ār	205
		ȧr	205
		śenā	1400
139		*ser* B.	1261
140		*ma*	505
		ma B.	gr. 76
		śenā	1400
141		*neb*	745
142		*χeb*	1031
		tep	1635
		teb	1629
143		*ser*	1259
144		*āb*	168
145		*sa*	1151
146		*sep*	1198
		sāb	1163
		śa	1422
		*ān** B.	
		*ī** B.	
147		*set*	1331

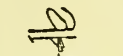
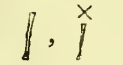
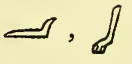
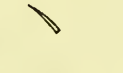
No.	Zeichen	Werth		Wb. Pag.
148		*set*	*A.*	
149		*seśta*		1316
150		*ān*		163
		à	*B.*	
		sa		1154
		*ieṭ**	*B.*	
		*ie**	*B.*	
151		*àn*	*B.*	
152		*kenṭ*		1463
153		*nefer*	*B.*	757
154		*set*		
155		*nefer*	*B.*	757
156		*nefer*	*B.*	757
		sem		1235
157		*ka*		1435
		q *k*	*B.*	
158		*neb*	*B.*	745
159		*beχ*	*B.*	412
160		*nāś*	*B.*	741
161		*ḥes*		993
162		*fu*		538
		àā		542
		āā		542
163		*àb*		35
164		*ba*		370
		b	*B.*	
		ser		1259
		s	*B.*	
165		*sūą*		1163

No.	Zeichen	Werth		Wb. Pag.
166		*āu*		1719
		ā	*B.*	
		*ār**	*B.*	
		ś	*B.*	
167		*sāḥ*		1170
168		*śes**		
		ś	*B.*	
169		*śes*	*B.*	
170		*χeχ**	*B.*	
171		*ma*	*B.*	
172		*χeft (mat?)*	*B.*	

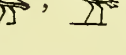
V. Glieder von Vierfüsslern.

No.	Zeichen	Werth		Wb. Pag.
173		*peḥ*		496
174		*ḥā*		931
175		*ḥā*	*B.*	931
176		*peteḥ*		527
177		*neb**	*B.*	
178		*at*		20
		ta		20
179		*sesennu**	*B.*	
180		*hau*	*B.*	906
181		*teḥ*		1664
		*ḥet**		
182		*śes*		1311
		seś		1308
183		*ṭenṭen*		1648
184		*ken*		1728
185		*śef*		1383

No.	Zeichen	Werth		Wb. Pag.
186		*set*		1331
187		*set*	*A.*	1331
188		*pau**	*B.*	
189		*us*		276
		*ḥā**	*B.*	
190		*bȧ*		372
191		id.	*B.*	
192		*r*	*B.*	
193		*χen*		1094
194		*fet*		
		χent		1108
		sen		
		*tep**	*A.*	
195		*sem*		1344
		setem		1344
		ṭen		1641
		ȧṭ		153
		*seṭ**		
196		*ȧp*		52
		up	*B.*	
197		*ȧau*		32
198		*āb*		167
		*ub**	*B.*	
199		*ȧp*		58
		*up**	*B.*	
200		*χnem*	*B.*	1097
201		*ṭem*		1640
202		*ām*		185
		ā	*B.*	

No.	Zeichen	Werth		Wb. Pag.
203		*neḥ*		491
204		*ḥekᾳ*		1001
205		*āb*		175
206		*nem**	*A.*	
207		*nem* (?)		769
208		*kep*		1491
		kep		1491
209		*seḳ*		1319
210		*ȧs*		121
211		*seṭ*		1349

VI. Vögel.

212		*ḥor*		982
		*neter**	*B.*	
		bȧk		
		*p**	*B.*	
213		*neb**		
214		*ba*		370
		b	*B.*	
215		*ba**	*B.*	
		b	*B.*	
216		*χu*		114
		χ	*B.*	
217		*āk*		221
218		*uš*		284
219		*šerȧ*		1404
220		*ur*		332
221		*ba*		370
		b	*B.*	
222		*bek*		424

No.	Zeichen	Werth		Wb. Pag.
223		*mert*		731
		met		731
		m		596
		ner		786
		*keṭ**	*B.*	
224		*menχ*	*B.*	660
225		*teχ*		1564
		teḥ		1664
226		*sa*		1151
		s	*B.*	
		r	*B.*	
		u	*B.*	
		men		656
		ḥep		951
227		*mer*		730
		mer		730
228		*ȧm*		559
		m		
229		*neḥ*		792
		n	*B.*	
230		*neḥ*		792
		n	*B.*	
231		*kem*		1451
		ḳam	*A.*	1451
232		*ṭešer*		1659
		ṭeš		1659
233		*ṭef*		1680
234		*ti*		gr. 5
235		*seḥ*		1277

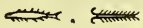
No.	Zeichen	Werth		Wb. Pag.
236		*a*		1
237		*u*		238
238		*bāḥ*		381
239		*ḥem*		958
240		*set*		1353
241		*ṭeb*		1629
242		*pa*		448
		p	*B.*	
243		*sep**	*A.*	
		ḥenā	*B.*	1726
244		*χen*		1089
245		*kema*		1452
		ten		1549
246		*χu*	*B.*	1062
247		*reχ*		869
248		*mok*	*B.*	617
249		*ta*		1702
250		*men*		667
		set		73
251		*sont*		1256

VII. Glieder von Vögeln.

No.	Zeichen	Werth		Wb. Pag.
252		*χu*	*B.*	114
253		*ner*		785
254		*ṭeṭ*		1686
		ṯ		1673
255		*peḳ*		514
256		*meḥ*	*B.*	692
		seš		1310

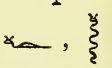
No.	Zeichen	Werth		Wb. Pag.
257		*ȧmaχ*	*B.*	75
258		*meḥ*		690
259		*remen*		858
		nen		780
260		*ša**		
261		*maā*		574
		m	*B.*	
		šu		1365
		š	*B.*	
		keb		1444
262		*sa*		1151
		s	*B.*	
263		*ān*		202

VIII. Fische.

264		*ȧn*		86
		s	*B.*	
265		*χa*		1041
266		*betu*		439
267		*sep**		
268		*bes*		418
269		*nār*		741
270		*ān*		193
		ȧn		
271		*neb*		86

IX. Amphibien und Reptile.

272		*sebek*		1194
		sek		1193
		*aṭ**		22
		n	*B.*	

No.	Zeichen	Werth		Wb. Pag.
273		*mu*	*B.*	633
274		*āχ**		
		āš	*B.*	220
		ṭem		1639
275		*ro, r*	*B.*	841
276		*ru**		
		r	*B.*	
		f	*B.*	
277		*neḥ*		745
		r	*B.*	
		k	*B.*	
278		*ṯ*		
279		*meḥ*		694
280		*ṯet*		1683
281		*met?*		
282		*ker*	*B.*	1466
283		*ken*		1458
284		*f*		
285		*per*		449
286		*āk*		221
287		*ȧter*		143
288		*sata*	*B.*	
289		*ḥek*		1000
290		*ḥefen*		955
291		*āf*		185
		men		644
		seχet		1303
		χeb		1063
		ket		1477
292		*χeper*		1071
		χep		1071

No.	Zeichen	Werth		Wb. Pag.
		tą	*B.*	1522
		t	*B.*	
293		*āp*	*B.*	179
		ā	*B.*	
294		*ḥotp*	*B.*	1005
295		*serk*		1269
296		*kem*		1448
X. Bäume, Pflanzen, Blumen u. s. w.				
297	, ,	*ȧm*		63
		m	*B.*	594
298		*ȧtf*	*B.*	139
299	,	*χet*		1138
		χer	*B.*	1116
		χ	*B.*	1050
300		*un*		253
301		*ḥen*		961
		ȧs		120
302		*neḥem*	*B.*	796
		n	*B.*	
303	,	*neχeb*	*B.*	799
		n	*B.*	
304		*ūaḥ*		342
305	,	*sek*		1323
306	, ,	*benr*		398
		ben		390
		mor		606
		m	*B.*	
307		*notem*		834
		nem	*A.*	
308		*ūat*		354

No.	Zeichen	Werth		Wb. Pag.
309		*tąui*	*B.*	
310	, ,	*χa*		1022
		χ	*B.*	
311		*ḥen*		972
312		*ur*	*B.*	332
313	, ,	*χesef*		1134
314		*ȧtḥ*		27
		meḥ		690
		χeb		1063
315		*ḥa*		916
		ḥ	*B.*	
316		*neχeb*		799
		n	*B.*	
317	,	*nen*	*B.*	774
		n	*B.*	765
318		*su*		1173
		s	*B.*	
319	,	*riṣ*		871
320	,	*kemā*		1453
321	, ,	*rep*		855
		renp		861
		sep?		
322		*keṭ*	*B.*	1478
323	, ,	*ter*		1553
324		*š*		
325		*sem*		1229
		s	*B.*	
		seχet		1303
		u	*B.*	

N°.	Zeichen	Werth		Wb. Pag.
326		*ȧ*		
327		*ī*		
328		*mes*		695
329		*boti*		442
330	,	*ḥeṭ*		1015
		ḥet	*B.*	
331	,	*son*		1237
		s	*B.*	
332		*χaī*		1022
333		*tȧ*		1527
334		*ȧp*		49
335		*r*	*B.*	
336	, ,	*roṭ*		878
337		*ḥen*		963
338		*ȧs*		119
339	,	*ter*		1556

XI. Himmelskörper.

340		*pet*		452
		p	*B.*	989
		ḥer		979
		χī		1058
		men	*B.*	638
341	,	*teḥen*		1589
342		*ker*		1466
343	, ,	*rā*		848
		r	*B.*	
344		*χu*		112
		χ	*B.*	
345		*χu*		112
		χ	*B.*	

N°.	Zeichen	Werth		Wb. Pag.
		ȧm		68
346		*ḥuṭ*		1015
347		*āp**	*B.*	
		ā	*B.*	
348		*ḥeḥ*	*B.*	
349		*χā*		1052
		χ	*B.*	
		ś	*B.*	
350	,	*ȧb*		45
		ȧ	*B.*	
351		*śep*		1379
352		*seb*		1182
		s	*B.*	
		ṭūa		1621
		ṭ	*B.*	
		χabs		

XII. Erde, Berge, Inseln, Steine.

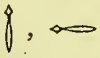
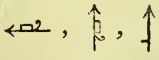
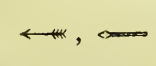
353	,	*ta*		1521
		t	*B.*	
354		*ṭu*		1608
		men	*B.*	638
		ā	*B.*	
		ḥ	*B.*	
355		*men*		667
356		*ḥ*	*B.*	
357	,	*sep**	*A.*	
		n	*B.*	
358		*ȧa*		29
		ān		1338
		ȧn		
359	,	*ȧner*		90

No.	Zeichen	Werth		Wb. Pag.
		ȧn		90
		men	*B.*	655
XIII. Wasser, Flüssigkeiten, Becken.				
360		*mu*		633
		m	*B.*	
361		*n*		
		mu	*B.*	633
362	,	*χen*		1095
		men	*B.*	
		ȧ	*B.*	866
363	,	*ś*		
364	,	*n*	*B.*	
365	,	*mer*		669
		m	*B.*	
366	,	*bȧ*		374
		ḥem		956
		peḥ		494
367		*tef*		1543
		pu	*B.*	464
		ru		
368		*āb*		171
		ub	*B.*	
369		*āb*		171
		vb	*B.*	
XIV. Städte, Gebäude, Zimmer, Theile des Hauses u. s. w.				
370		*nen*		773
		nu		773
371		*per*		449
		p	*B.*	449

No.	Zeichen	Werth		Wb. Pag.
372		*ḥet*		1003
		ḥ	*B.*	
		χ	*B.*	
373		*seḥ*		1272
		ārk		1273
374		*ḥeb*		942
375		*ȧfṭ*		60
376		*ḥā*		212
		āḥ		—
377		*ȧnb**		cf. 89
378		*usеχ*		279
379		*neter*		823
380		*χem*		1082
381	,	*sa*		1153
		s	*B.*	
		ro	*B.*	
382	,	*χet*		746
		ār		205
		ā	*B.*	
383		*neh*		787
		ken		1461
384		*sebеχ*		1191
385	,	*ā*		158
386	*s*	*ses*		1305
		s		
387		*m*		
388		*ȧn*		83
		ȧ	*B.*	
389		*men*		636
		teχen		1567

Nº.	Zeichen	Werth		Wb. Pag.
		t	*B.*	
390		*ṭeṭ*		1663
		ṭ	*B.*	
		pseṭ		510
391		*ȧḳep**	*B.*	
392		*s*		1152
		ȧs	*B.*	
		us	*B.*	
		men		640
393		*us**		
		utes		309

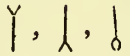
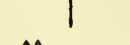
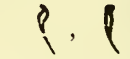
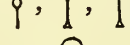
XV. Waffen, schneidende Geräthe, Geisseln u. s. w.

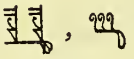
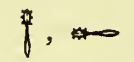
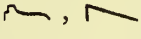
394		*neter*		823
395		*ṭem*		1636
		ṭes		1380
		ṭes		1380
		n	*B.*	
396		*moten*	*B.*	625
397		*sem*		1222
398		*sem*		—
399		*nem*		763
400		*ḥu*	*B.*	1710
401		*sek*		1319
402		*tep*		1335
403		*āa*		158
		ā	*B.*	
404		*uā*		241
405		*set*		
406		*sun*		1174

Nº.	Zeichen	Werth		Wb. Pag.
407		*set*	*B.*	1335
408		*set*		1336
409		*peṭ*		519
410		*kens*		1497
		χont)*		
411		*šemer*		1392
412		*χer*		1227
413		*keṭ*		1478 1484
		sat	*A.*	
414		*ma*		561
415		*meḥ*		684
416		*šeṭ*		1413
417		*χu*	*B.*	1061
		χ	*B.*	
418		*χeb*		1063
419		*ṭem*	*B.*	1640
420		*ṭebḥ*	*B.*	

XVI. Scepter, Insignien u. s. w.

421		*ḥeḳ*		924
422		*āu*		1719
423		*us*		348
424		*sem*		1226
425		*seχem*		1289
426		*χorp*		1129
427		*men*		667
		*set**		
428		*χu*		1061

No.	Zeichen	Werth	Wb. Pag.
429		*āb*	168
430		*seχmer*	1230
	XVII. Stöcke, Keulen u. s. w.		
431		*s*	
432		*ȧm* *A.*	63
433		*ām*	187
		ā *B.*	
		tā	1676
		*neḥ**	
		kem	1451
		ḳem *A.*	
		*ka**	
		*ḳa**	
434		*āb*	170
435		*seteb*	1352
436		*m* *B.*	
437		*χen*	1092
438		*nem* *A.*	767
439		*ut*	291
440		*āb*	1719
441		*teṭ*	1686
		ṯ	
442		*t*	1673
443		*ṯa*	
444		*men*	636
445		*nem*	767

No.	Zeichen	Werth	Wb. Pag.
	XVIII. Instrumente und Geräthschaften.		
446		*tes*	1592
		res	871
447		*res*	871
448		*āb*	168
		ḳes	1473
		ḳen	1513
		beṭ	441
		mesen	699
449		*seḥ*	1275
450		*neṭ*	827
		net *B.*	
		n *B.*	
451		*āb*	172
		ub *B.*	
		ām	189
452		*menχ*	660
453		*χa*	1042
		χ *B.*	
454		*sa*	1161
455		*sa*	1154
		s *B.*	
456		*sam*	1214
		s *B.*	
457		*nen*	777
		n *B.*	
458		*setp*	1341
		*ānp**	
459		*uṯā*	310

No.	Zeichen	Werth	Wb. Pag.
460		*i*	
461		*ḥen*	965
462		*mer*	669
		ma B.	
		m B.	
463		*heb*	895
		per	479
464		*sehotp* B.	1281
465		*unnu* B.	

XIX. Musikalische Instrumente und Spiele.

466		*nefer*	757
467		*ḥes** B.	
468		*seḫem*	1292
469		*men*	636
470		*ȧb*	36
471		*maā*	574
		m B.	
472		*sa*	1156
		s B.	

XX. Kronen.

473		*nefer* B.	757
		n B.	
		ḥet	1015
474		*net*	821
		n B.	
		ṭešer	1659
475		*k* B.	684

No.	Zeichen	Werth	Wb. Pag.
476		*meḫ*	684
477		*meḫ*	684
478		*ten**	
479		*šu*	1367
480		*seẖet*	1303

XXI. Bänder, Binden, Knoten, Kleider.

481		*kes*	1475
		k, *ḳ* B.	
		ser	1262
		s B.	
		*šes**	
482		*menī*	648
483		*šen*	1393
484		*roṭ*	879
485		*šen*	1394
486		*ḥ*	
487		*menχ*	662
488		*ut*	246
		ṭet	1684
		ḥeseb	994
		ā B.	
489		*u*	
		set	1331
490		*set*	1331
		ȧs	118
		us	15
491		*seṭ*	1331
492		*tem** B.	
493		*ūą*	

No.	Zeichen	Werth	Wb. Pag.
494		*seḥ*	
		seχet	1303
495		*menà*	645
496		*an*	9
497		*sent*	1255
498	,	*ārḳ*	209
499		*mer*	668
500		*nes*	803
		ṭep	1634
		r *B.*	
501		*set*	1335
502		*āṭ*	227
503		*tes*	1593
504	,	*net*	
		n *B.*	
505		*kep*	1491
506		*s* *B.*	
507		*sa*	1154
		s *B.*	
508		*āper*	181
509		*ṭeb*	1624
		*ṭeb** *A.*	
510		*neb*	745
511	,	*χąker*	1048
512		*šen*	1394
513		*sāḥ*	1170
514		*ānχ*	197

XXII. Mathematische Figuren.

515		*χ*	
516		*neḳer*	814

No.	Zeichen	Werth	Wb. Pag.
517	,	*sep*	1196
518		*pāṭ* *A.*	
519	, ,	*pau*	457
520		*t*	
521	, ,	*χemt**	
522	,	*k*, *ḳ*	
523		*ḥu*	938
		ḥ *B.*	
524	,	*sept*	1205
		sebṭ	1205
525		*ṭu*	1609
		ṭ *B.*	
		t *B.*	
526	,	*p*	
527		*ȧ*	
528	,	*i*	
529		*men* *B.*	638
530	,	*ḥep*	949
531		*uu*	238
		ur	332
		seš	1308
		su	1180
532		*h*	
533		*mer*	671
534		*rer*	863
535	,	*ten*	1585
536	,	*ṭeben*	1631
537		*ren*	860
538		*šu*	
539	,	*ṭenà*	1643
		peχ	511
		peš	511

No.	Zeichen	Werth	Wb. Pag.
540		*ṭenà*	1644
541		*ḥer*	983
542		*ˀu*	112
		voir No. 358	
543		*sen*	1239
544		*ṯeṭ*	
545		*ḳen*	1463
		ṯaṭa	1701
546		*χem*	1291
		u B.	
547		*men* B.	636
548		*àp*	48
549		*uteb*	297
550	,	*uṭen*	305

XXIII. Gefässe, Flaschen, Körbe, Schalen u. s. w.

551		*nu*	772
		nuṉ	772
		n B.	
		men	654
		χuṉ	1094
552		*teχ*	1564
553		*nem* A.	
		χnem	1097
554		*àb*	36
555	,	*fu* B.	582
556		*nuṉ*	774
557		*ḥos*	989
558		*χont*	1108
559		*keb*	1441

No.	Zeichen	Werth	Wb. Pag.
560		*ḥon*	973
		ḥ B.	
561		*ma*	566
562		*šeṭ*	1414
		šet	1414
563	,	*āu*	158
		ā B.	
		āb	169
		ḥon	977
		usekh	278
564	,	*ba* B.	
		b B.	
565	,	*ta*	1523
		t B.	
566	,	*ta*	1523
		t B.	
567		*seḥ**	
568	,	*ta*	1523
569		*bes*	418
		b B.	
570		*mer* B.	675
571		*ḳa*	1728
		mesen	703
572		*ḥotep*	1005
573		*hen*	900
574		*àa*	138
		à B.	
575		*ḳ*	
576		*nes*	804
		n B.	

No.	Zeichen	Werth	Wb. Pag.
577		*χer*	
		χ B.	
578		*katu*	1503
579		*k*	
580		*neb*	744
		n B.	
581		*ḥeb* B.	942
582		*ān*	190
		nā	740

XXIV. Schiffe und ihre Theile.

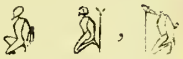
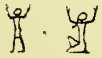
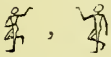
No.	Zeichen	Werth	Wb. Pag.
583		*χont*	1110
		s B.	
584		*χu** B.	
585		*ȧm*	594
		m B.	
586	,	*uā*	1708
587	,	*ḥep*	949
		χer	1119
588		*ḥem*	957
589		*ḥef*	755
		t B.	

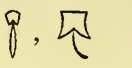
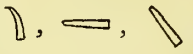
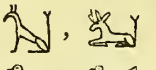
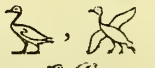
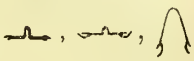
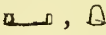
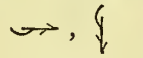
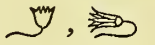
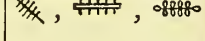
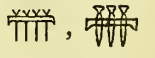
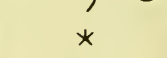
No.	Zeichen	Werth	Wb. Pag.
590		*ḥā*	927
		āḥ	927
		ḥ B.	
		āb A.	1168
591	,	*nem*	764
		met	628

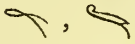
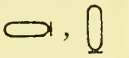
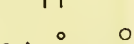
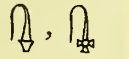
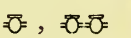
XXV. Gerüste und Gestelle.

No.	Zeichen	Werth	Wb. Pag.
592		*χont*	1108
593		*χep* A.	
		śep	1376
594		*fu*	540
595		*ḥer*	982
		moten	625
596		*tem*	1545
597		*ȧmaχ*	75
598		*seχt*	1301
599		*nem*	764
600	,	*ȧm*	63
		m B.	

Uebersicht der gebräuchlichsten generellen Determinativa.

No.	Zeichen	determiniert	No.	Zeichen	determiniert
1		To speak, to name, to implore, to read.	20		Rest, inactivity, infirmity, to sit.
2		To worship, to greet.	21		God, goddess, eminent, sacred person.
3		To adore, to praise, to sing.	22		A God, Ancestor, sacred personage.
4		To return, to turn oneself.	23		Enemy, wickedness, crime.
5		Height, joy.	24		Soldier, troop, great number.
6		Sport, Exultation.	25		Sacred person. Ancestor.
7		Great, greatness.	26		To rest, to sit.
8		Age, parent, frailty.	27		Child, youth, revival.
9		To carry, to burden, to work.	28		To throw down, to greet, to salute, to worship, to kill, to overthrow, battle.
10		To beat, to strike, severe handling, or acting.			
11		To plough, to cultivate, to build on.	29		Slaughter, overthrow.
12		Enemy, Wickedness, hostility.	30		To die, deceased, to bury, to embalm.
13		To unite, to combine, connection.	31		Goddess, woman, female name.
14		To build, to construct, to form.	32		Goddess, woman, female name.
15		Form, figure, portrait, type, to assemble, to unite, to set up, custom, mummy, burial.	33		Pregnancy, with child.
			34		Born, descent, race, birth.
16		Individual, person, denotes any office held by man, activity with the mouth. Idea, word, to declare.	35		To absorb, to nourish, to bring up.
17			36		Head, mind, genius, uppermost, pre-eminence, superiority
18		To bear, to burden, to work.	37		Hair, skin, colour, Grief, pain.
19		To worship, to hail, to invoke, to ask for, to read.	38		Eye, sun moon, mouth, bud.

Nº.	Zeichen	determiniert	Nº.	Zeichen	determiniert
39		To see, perceive, to spy, to mark, to watch, guards, to awake, to sleep, repose, to repose, to dream, to die.	69		Skin, coat, tunicle, quadruped.
70		Tail, train, end.			
40		"	71		Testicle, stone.
41		"	72		Set, or Typhon, power, danger, misfortune.
42		To weep, tear, pain, affliction, sadness,	73		Bird, to fly, to fly away, to flow.
43		Eyebrows.	74		To remain, to continue to perish, to halt, pasture-ground.
44		To taste, to eat, to speak.	75		Wickedness, strife.
45		To taste, to eat, to speak			
46		To breathe, to enjoy, to feel joy, desire.	76		wing, harpsichord, to fly, to raise oneself,
47		Embrace, unite, agree,	77		in Egy, Feminine, womanly, Child-hood.
48		To deny, to keep off, to defend.	78		Fish, Impurity, foulness to hinder, to prevent, to stop.
49		Severe handling, to beat, to take, to grasp.	79		Crocodile, Impudence, insolence, robbery, depredator, to hide.
50		Gentle handling, to assent, consent, arm. poor.	80		Serpent, snake, reptile.
51		To present, to pour, to fill, to give	81		Sacred, snake, goddess.
52		To write, to paint, to draw, picture.	82		Tree, beam, bar.
53		To seize, to hold, to contain.	83		Wood, timber, wooden object.
54		Masculine, manly, to flow, ensue, to roll before, from, with, since, in presence to.	84		A flower, plant, vegetable.
55		To go, to step, to advance, to march.	85		Flower, joy, pleasure, comfort.
56		To exceed, to measure, with steps, leg, bone, foot, bottom, pedestal, base, way, life, instrument for measuring.	86		Sweetness, pleasant, acceptable.
57		To turn oneself, to return, to turn off, backward, back.	87		Season, year, 12 month, to drive, to turn, to renew.
58		To tread over, to join, to trangress, to trespass, to go over. (a-part) to avoid, surpass, excell, excess	88		Field, plain.
59		shine, backbone, back, ridge, reap, to cut off, to cut to pieces.	89		Grain, Rye, Corn, Value (coins) to harvest, crops, childhood, custom, maintenance.
60		"	90		Grain, measures, harvest, crop, tribute, bushel, weight.
61		Flesh, parts of animals bodies.	91		Heaven, cover, veil, height, latitude, Superiority.
62		Quadruped.	92		Night, evening, eve, west, darkness, gloom.
63		Throat, voice, channel, flute, gorge, to breathe, enjoy, to eat, victuals.	93		Rain, shower cloud, thunderstorm, danger light ring, matra, brightness.
64		Nose, scent, rebuke, to breathe, enjoy, to feel, to snore, to plaster, comfort, desire, to block up.	94		Sun, Light, parts of the time
95		Light, matre, brightness			
65		To hear, obey, listen, ear, handle.	96		The moon & its phases.
66		Horn, skin (hard) feelers (of insects) angle worm, peak of a mount, to attack, weather resistance.	97		Star, planet, constellation god
67		Behind, at the end, on the reserved side, strength, power, energy, virtue, force, to follow succeed, obey.	98		mountain, mountainous land.
68		Paw, claw, seize, pull away, strong, to rob.	99		Land, ground, people, nation
100		Island, Isle, coast, shore sea-shore.			

No.	Zeichen	determiniert	No.	Zeichen	determiniert
101		Name, district, territory, field, hill, planted with the vine.	124		To wrap up, to veil, to embalm, to reckon, count, disease, sickness.
102		Town, city, place, region	125		Smell, odour, to find out, to sack, to bag.
103		Stone, rock, brick, to build with bricks.	126		To write, to read, to lecture, book, science, knowledge, to surround, to bind, to tie, to shut, to lock, to end, to finish.
104		Ore, metal, brass, iron, made of metal.	127		Jewel, treasure, ring, to seal, to confirm, to shut, to lock.
105		Water, fluidity, fluid, liquor, river, melting, to wash, purity.	128		Field, district, territory.
106		Water, fluid, to pour out, to empty, to break open, to vomit.	129		To cross, to crucify, to mix, to mingle, increase.
107		Water, pond, fluid, basin, pelvis, sea, river, flowing, wet, moisten, to overflow.	130		Name, king's name, circle, sphere.
108		Weight, heaviness.	131		To divide, part, to separate, to part, half, middle.
109		House, household, room, habitation.	132		Seat, chair, stool.
110		Wall, enclosure, enclosure, fortress, fort.	133		Metal, brazen, sand, powder, flower, flour, meal, room, room.
111		To turn, to tilt over, to break down, to break, to shatter in.	134		To die, wickedness, malice, misfortune.
112		staircase, stairs, to rise, mount.	135		Heart, breast, middle, midst.
113		Name, Name of a fortress, or foreign monarch.	136		Writing, letters, book, plan, drawing, draught, design, calculation, knowing, knowledge, thought, idea, abstract idea.
114		Corner, angle, nook, protection, defence.	137		Coffin, embalming.
115		Obelisk.	138		Bread, nourishment. food, quantity
116		Pyramid, grave, tomb, great tomb, great house, heat, or hoard.	139		Breadth, latitude, to distribute.
117		Rest, repose, death, mummy, to embalm, disease, sickness.	140		Fire, to burn, heat, ardour.
118		Sabre, sword, knife, cutter, slayer, to strike to offer, sacrifice, to cut off to separate, to write, record.	141		Festival, joy, pleasure, content, gratify
119		To land, disembark, foreign, foreign nation.	142		Oil, fragrancy, flavour.
120		Compartment, shadow, shade.	143		Oil, fragrancy, flavour, fluid, humour.
121		Chisel, to chisel, to smooth, to polish, nail, bone, ivory.	144		To break. Roads. to break open. to break up To depart, to separate, far, far off.
122		To plough, to till the ground, to build upon, to cultivate.	145		Ship, vessel, to voyage, journey, to go, to walk.
123		To bind, to tie, to fasten, attach, to dress, clothe, to wrap up, to veil, garment, to approach.	146		Sail, wind, air, breath, puff, vent, breeze.
			147		To dress, clothe, to wrap up, to veil, to adorn, to attire.

P. T. O.

Wellcome Library

Additional(?) Hieroglyphics.

	Sep.		Determinative Stability
	= Atb		Egypt
	Shenu, or Khenu		
	Sem		"
	Ah		"
	Set		"
			"
			"
			Good House
	= water = determinative.		Tree
			Vineyard
			Wife
			Grieving
			Writing
			Bones
			Doors
			= Glorified Souls
			Seats
			Roads
	9999999999999999999		The 2 cycles of the gods.

Druck von Breitkopf und Härtel in Leipzig.

Additional Hieroglyphics.

Determinatives.

Sign of Royalty		Body			Soles of feet. Sandals
Childhood		Stomach			Leg
Chief		Eye inverted			Halter
Elder		Lips			Year
Prince		Tongue			Lip
Ruler		Tooth			Sky rising.
Fall		Beard			Radiancy
Lower Egypt		Breast			Moon
Priestess		Flesh			Radiant Disk
Pure		Bone			Land
Tadpole		Fat			Land

Foundation		Complete		= 834
A kind of Cake		Black		
Cycle		Net, Snare		= 220
Land		Adze		= 3344
Canopy		East		Tillage
Embalmed		West		
House		Vessels full		= 760
Loaf of bread		" empty		944
Tie of linen		Great		
Papyrus		Arrow		= Life
Thicket of Papyrus		= Herb		Goodness
Wood, cut		Javelin		Goodness
Seed		Earth		Power or Purity
Place				Majesty & Dominion
Hill country		Goldsmith		Authority
Thebes				Royalty
Papyrus		Gold		"